



# PRODUCTION IN HAWAII AMPLE C

# Statement Issued By Department of Agri- Government Survey Shows culture Covering Last Three Years Is Received With Deep Interest

lowest results were 220 pounds for secured in 1815 on the island Hawaii and in 1817 on the island Kagai.

extensive than was suggested by R

ities for a great use of fine bagasse papers in time to come, Mr. Hind says. He is confident that the time

will come when its use will be general.

of bagasse peper which were shown at the Mani County Fair last year

papers. It is also understood that the new plant will be such as to permit of

dar months.

Under date of April 13 the departs reported in short tons are as follows: ment of agriculture has issued a tabn- 1915 5,185 000 short tone; 1916, 4,859, lar statement showing the sugar pro-duction of the Hawaiian Inhands for short tons, and 1917, 5.220,000 duction of the Hawaiian Inhands for short tons. The reported average ex-the years 1915, 1916 and 1917. This statement has been received with great weight of the cane is given at 12.46 interest in sugar circles generally and percent for 1915; 12.20 percent for in Louisians in particular. In commerting on the statement the Louisiaca Planter says in part.
The Hawaiian crop was \$46,000 shirt extracted in 1915 and the minimum extraction reported recomes from Maul, where 14.24 percent was fan for 1916; 592,763 fons for 1916 extraction was 11.45 cannot be minimum and 644,663 tans for 1917.

the Hawaiian arop was \$46,000 shirt than for 1915; 592,763 tons for 1916 and \$44,663 tons for 1917. The average rield of came per acre in short-tors is given for 1915 at 46 tons, 1916 at 42 tons and 1917 at 42 tons. This is a wonderful showing and far better than anything of the kind found in Cuba and anywhere else in the came sugar world. Even these figures show considerable variation, as on the island of Mani 57 tons per acre were produced. Mani 57 tans per acre were produced in 1915 and on the island of Huwrii 33 tons only, were produced in 1916. These results in same production are liable to vary with the varying supply of water, which is always something or a factor in the Hawalian Island?

Shaws Increase Acces Shows Increase

The area in super cane harvested indicated a gradual increase, 1915 being
reported at 118,200 acres, 1916 at 115,

The
telatively enormous increase of
8500 acres in 1917 over the acreage
of 1916 above up in the final crop, as
will be seen below.

The increase is an material, being ed d

The percent below.

The percent is so material, being percent, that we must regard it as in sequence of the high prices for any new prevailing as compared with the prices some years back. The areas cane in the Islands make a different towing when taken as a made, as such of the cane requires IS months to better and in any given twolve months. This would leave the Anal crops of the saveral calendar years correct as, reported, as the reports indicate the quantities of argar actually produced during the cauca were not harvested, presumably much of it being too immature to harvest. The actual quantities of cane crashed in the neveral years as

# NOT YET DECIDED ON

# Ro Reply From Washington—Re Lends Itself Best To Finer Tex-gistration Seems Slow tures Than To Coarse

the questions which were asked of the expected here up to the time that the government relative to costs and other lorder for it was placed and is more matters connected with the bringing Benton Hind when he returned from here of Porto Rican labor. The queries the murnland nearly two years ago af mere sent following the receipt of the ter a thorough investigation of processes and possibilities.

Besociation's labor bureau. His report was generally liked but there were matters on which it was felt that more full information should be securthe proposals of the government. Mr.
Mead said yesterday afternoon that the per which it turns out will answer that for during March.

Mead said yesterday afternoon that the per which it turns out will answer that for during March.

Mead said yesterday afternoon that the per which it turns out will answer that for during March.

Mead said yesterday afternoon that the per which it turns out will answer that the per which it turns out will be per which replies had not been received.

From Associated Press correspond-

nce it would appear that the gatherlabor on Porto Rico for main-This letter was written early in pril from San Juan, Porto Rico, and

thousand skilled workmen been registered in Porto Rico He now has in his office the samples again the efforts of the United States of bagasse pener which were shown playment service of the department willing and the texture of some of these sam or and signified their ness to go anywhere in the United States to aid in shipbuilding or shy

ples is surprising. There is paper that is suitable for letter writing, other for wrapping and more than a dozen difother essential war work.

F. C. Boberts, representing the department of Labor here, made this statement generally. Besides skilled workmen 10,000 unskilled workmen have been registered who are willing to go to the United States to work. require and, if occasion warrants, can

# FARRINGTON NAMED EMPLOYMENT HEAD BERNSTORFF'S CODE

WASHINGTON, May 10-(Associated Press)-W. R. Farrington of Honoluly was yesterday appointed director in the Territory of Hawaii of the employment bureau of the department of labor.

## NOW IS THE TIME.

# Stocks More Than Sufficient To Plant Normal Acreage

WASHINGTON, April 8-Final fig. ures on sugar best seed stocks in the inited States, as collected by the War Emergency Seed Survey as of January were given out last week by the department of agriculture. The figures show that on that date there were on hand in this country 19,240,571 pounds of imported best seed and 7,927,614 pounds of home grown seed, a total

pounds of home grown seed, a total of 27,168,185 pounds.

Thirty Percent Gain in Year

As compared with the corresponding date of 1917, the report shows an increase of 3,740,918 pounds in the stock of imported and 2,495,443 pounds in the stock of domestic such making a combined increase of 6,236,231 pounds, or nearly thirty percent, during the year. Importation of sugar best seed into the United States during the twelve months' interval, as reported by the department of commerce, to 15,437,797 pounds and the domestic to 15,437,797 pounds, and the domestic production for 1917 was officially es-timated in December at 5,546,000

pounds.

Checking up these figures for stocks on hand at the two dates and of receipts in the interim, it appears that the domestic sugar beet crop of 1917 required in the planting a total of 14,747,436 pounds of seed. The beet acreage for 1917 is estimated by the department of agriculture at 575,400 acres, which works out at an allowance of 21.8 pounds of seed to the acre. This, inswever, takes no account of replantings, nor of acreage planted which yielded no crop. Ontlook for the Future The extraction of sugar by percentage of sugar actually in the cane is not given in any of these instances. Such extraction reveals the highest degree extraction reveals the highest degree of efficiency is cane sugar manufacture un to the ordinary limits of any 96 test. The length of the campagin interests us in Louisians, where 100 days is a long campaign, 60 days an average, and 70 days exceptional. We assume that the length of the campaign by days means the calandar days consumed during the whole means and find that the campaign reached 195 days in 1915, 180 days in 1916 and 100 days in 1917, an average of over six calendar months. Outlook for the Future

The report concludes with the following comment upon the situation as regards seed supplies for the coming season and for that to follow:

dar months.

These are all very interesting figures and they show what a wonderful success has resulted from the reciprocity treaty made between the United States and Hawaii in 1875 when the Hawaiian production was but some 49,000 or 50.000 tons and was seriously stated as being impossible of increasing sevend 75,000 to 100,000 short tans, and now It is apparent, therefore, that there sufficient seed on hand to plant a normal best screage this year, including the necessary replantings, and that the planting season is over there should be a surplus of from twenty to twenty-five percent of the sugar beet eed requirements for 1919. Very litthe sugar beet seed has been imported since January 31, 1918, and it is not probable that any considerable quan-tity will be imported before the close the 1918 planting season.

'In view of the small surplus that will remain after the 1918 planting has been finished, it is evident that a considerable increase in domestic seed production, together with a large impororder to make possible a normal sugar beet acreage in 1919.

and are preparing to increase their seed

# Ad yet the Sugar Planters have not Olan's proposed bagasse paper plant ARMY AND NAWY ARE

tee on Sugar Supply for the Army and Navy, covering the period to March 31, grades of paper than it does to the coarse product which is to be turned shows that the total or supplies coarse product which is to be turned shows that the total or supplies to out by Olaa for nulching purposes, Mr. ranged for since August 17, 1917, to out by Olaa for nulching purposes, Mr. this date is 146,704,460 pounds, of Hind says. Olsa wants paper for its this da'e is 146,704,460 pounds, of mulching process and the bagasse pa which 22,191,680 pounds were arranged The following table purpose nicely and its manufacture will gives the total supplies obtained from insure a material saving over the cost each producer, together with the of purchasing other paper for that pur amount obtained from each during

March:		9
Producer American	Total, 1.68, 50 777 020	March, Lbs. 13,262,280
Arthurst Pederal Waster	10 755,540 6 350 390 9 739,000 5 140,000	1.500.000 9384.000 £540.000
Warter Have- Pennsylvacia McCalma	1 145.000 2 352 800 2 012.000	510,000 250,000
Colonial Henderson	8 490 000 3 585 000 7 200 200	
Cultivinia ni Hawa Western		408,000 118,000
Best millioning	109 139 440 29 852,400	10 072.290 2,219,400
American Bettiers Committee Breaker	6.612.600 1.100.000	

# W. S. S. 22.191,680 DISTILLERIES MAY NOW

The distillers of Central Illinois had their plants closed by government, or-ders and sustended operations in manufacturing whiskey. But now there is a possibility that they will reopen to manufacture sicohol from molasses:

PRINCETON Three huge tanks have been erected at one place which combined hold 2,750, 000 gallors. This product comes larger ly from New Orleans, Cuba. and Porto Rico, and the cars hold 30,000 gallons. It is hoved that the Mississippi River can be utilized later for transportation purposes. Parge quantities have to be shipped and kept in reserve owing to the irregularity of shipping. The by-products are used for cattle food and potassium salts. Various dyes, chemi-For rheumatian year will find nothing better than Chamberlain's Pain Balm.

Now is the time to get irid of it. Try tons of sugar this year Last year it is entired that the plants in Central Illiniment and see how quickly it was only 200,065 tons. Only 7000 tons by all dealers. Benson Smith & ported. The British government has trains will be kept have moving the Ltd., agents for Hawaii.—Advt.

# Sugar Moderately

# Absence of Wisible Supply Is Thus Explained — Rumor Says Brokers To Be Eliminated

NEW YORK, April 18 Shipping elr les are talking optimistically of sagar fucure, scating that shipments of three some withdrawals of steamers recently reported with the suggestion that sail. the headway after its first ing vessels be substituted, is causing a Leader's Claims Disputed feeling of hesitation lest the schedule. Santiago Islesias, presi of the food administration be not fully carried out.

Replying to intimations that the ships may be diverted to the trans-Atlantic route, some circles point out that the adaptable to carrying troops or supplies of by Chief of Police Shanton, who Moreover, the food administration is very anxious to provide sugar for preserving requirements and no surplus thus far has accumulated.

The trouble has been confined, so

Meltings of refiners, also of factories, for week at Atlantic ports was forty-five thousand tons, receipts forty-nine thousand tons, so that stocks increased to thirty-four thousand tons. Some plants recently complaining of lack of Los Ganos was recently taken over raws have received shipments, and lience improvement in distribution is expected soon.

Los Ganos was recently taken over the control of the co

expected soon.
Government orders are still a factor
in cutting down allotments to domestic

Roiph, answering the argument that New Orleans and Savannuh are favored at the expense of the Atlantic ports, states that this is due to Spanish steamers running to Cuba and Gulf ports, which the shipping board is using rather than permit them not to carry full cargoes. All inequalities of distribution however will be ironed out by the

cargoes. All inequalities of distribu-tion, however, will be ironed out by the end of the season, and every port re-ceive fair proportion of sugar.

Lower price of Cuban and Porto Rican sugars to southern ports is due to difference in freights as compared with Atlantic ports, but same are paid by southern refiners to the internation-al committed and reimbursed northern

al committed and reimbursed not need refiners, thus equalizing the situation. This trade is again stirred up by intimation that the Washington administration will eliminate brokers, though there is nothing confirmatory of the there is nothing confirmatory on rumors. The government is reported as envernor bases his refusal on the conferring with importers of ten respectively that no general strike exists un garding elimination of ten brokers there is no evidence of a general from that trade because of advancing movement in the islands. He is prices at the time when army and local conferences where dissatisfaction Reports indicate that the best sugar doubtless gives rise to the above rum-mand for protection of the rights of

# SUGAR BEETS FOUND TO BE GREAT HOG FATTENER

the best for 48 days. One lot made an promptly suppressed and punished. The average gain of 1.7 pounds a day, an promptly suppressed and punished. The pounds. Best pulp and sugar bests were used, also molasses from beets. were used, also molasacs from beets.

## SUGAR SMUGGLERS

The Associated Press reports that the food commission has had considerable manner as to put in jeopardy the tri-trouble in Texas with the smuggling of umph of liberty and humanity in the sugar into Mexico. The custom authorities have been in the habit of confiscating 600 pounds of sugar at Houston alone every day. It is hidden in oil cans and sacks and even the bustles of women. One million pounds of sugar has been allotted to the inhabitants of Matamoras and other Mexican communities across the river and they can come across twice a week with sugar cards and get three pounds at a time.

TRINIDAD WANTS BAG Trinidad is colling for sugar bags. Supplies from India and Scotland have been very short and there has been a W s s call for bags from the United States.

We found Dunder a great big center,
on a visit to Europe some Years ago,
and the Swiss people bought heavily
there, so did the German people for the Scotch were in direct touch with Cal-

PLES CURED IN 6 TO 14 DAYS
PAZO CONTRENT is guaranteed to gruding PILES in 6 to 14 days or money refunded. Manufactured by the FARIS MEDICINE CO., St. Louis.

by two lengths in ten minutes and six

### Strike Leaders Claim Twenty-five Thousand Agricultural Workers Out

SAN JUAN, P. R., April 6-Although much uneasiness regarding the labor situation continues to exist in Porto Rico, very little interruption or delay hundred thousand tons monthly from Rich, very little interruption or delay Capa to the United States is assured has so far been caused to the harvestnow that the first of seutral shipping ing and grinding of the cane, and the is employed between the Atlantic ports strike movement among the agriculant cums and Forto Rice. However, turn workers seems to have made little headway after its first outbreak.

Santiago Iglesias, president of the fron federation of labor and reure sentative in Porto Rico of the Ameri his week that there were 25,000, emcloves of the sugar companies on tonnage now employed is not especially strike, but his statement is contradict

The country is undoubtedly hearding far, entirely to the north count proper granulated sugar moderately, explaining fice. The largest sugar producing secin part the absence of visible supplies. tion, which is on the south side, has at tion, which is on the south side, has at uo time had any trouble. new centrals to be affected are Los Canon and Cambalache, at Arecibo. Strikes developed there after the Easte

R. B. Childs, for many years in charge of the property, has been retained as president and general manager. Bequests For Investigation

In view of the fact that Los Canos is now under government central, a request has been made to the authorities at Washington for an investigation of labor conditions and wages there. No reply to the request has yet been received. Neither has any reply been received

Asimer has any reply been received to the cablegram sent to Samuel Gompers, president of the American Federation of Labor, requesting authorization of the calling of a general agricultural strike in Porth Rico and asking for finnels is support for financial support.
In the meantime Governor Yager

refused the demand of the executive committee of the Free Federation of Labor for the calling of a conference of employers and employes to discuss ron-ditions and prevent further strikes. The evernor bases his refusal on the ground there is no evidence of a general strike movement in the islands. He advises says in his letter to the committee: As to your second request, I can as

sure you that the Government will continue to protect the full rights of both inborers and employers. The orderly Now the pig is to have a chance and employers. The orderly and peaceful assembling or cooperation of laborers for the purposes of discussing their grievances and bettering their grievances and the purposes of laborers for the gurden grievances and bettering their grievances and the purposes of laborers for the purposes of laborers and completes and provinces and completes and provinces and completes and provinces and completes are grievances and bettering their grievances and bettering their grievances and bettering their grievances and bettering their grievances and completes are grievances and completes and provinces and completes are grievances and completes are grievances and completes are grievances and c four lots of 130-pound pigs tried out ject of preventing others from freely menopoly of rights or to exercise their rights in such a way as to exclude the rights of others, and above all else at this time to exercise their rights in such mighty struggle in which we are all

engaged.
The weather throughout Porto Rico continues ideal for the harvest, with temperatures about normal and varying little, and rainfall generally slight below normal.

# **AUTOISTS FINED**

BURLINGAME, April 30-Violators of traffic ordinances through the Federal Zone, around Camp Fremont, are Scotch were in direct touch with Calculate the cost of jute being forced by the San Mateo Justices the cost of jute bings weighing 31/2 pounds was 27 cents some time ago but this price has gone government in war-time. being forced by the San Mateo Justices Justice Porter E. Lamb, of Bur

lingame, has inaugurated a Liberty PRINCETON, New Jersey, April 27

Harvard oarsmen won a double victory over Princeton in their dual regatts over the mile and seven eights course on Carnegie I ke today, the Crimson Varsity crew winning by a bont length is nine minutes and fifty aven seconds and the freshmen eight be the length in ten minutes and six length in the six

mont Provost Guard for speeding, car-rying blinding lights and cutting in. Seven offenders purchased bonds in Judge Lamb's court last Tuesday. This action follows that started by Judge George E. Seely of Bedwood City, who fined offenders in terms of

War Certificates and Thrift Stamps, Objection to this police was made by Colonel Jones and Captain Peter insisted that further cases be taken

# MAKE LITTL CHANGE IN CROPS

Sucrose Content is Low and New Figures Will Not Differ By Five Thousand Tons

Not all of the revised figures of sugar crops for the year are yet in the sugar crops for the year are yet in the hands of the Sugar Factors Company to give a total for the Territory's output for the year differing from the one compiled last December. It is understood that all of the plantations of the Sugar Factors Company have given figures but some of the independent shippers are still missing. There are sufficient estimates available, however, to warrant the assertion that there will not be a variation between the Acerinot be a variation between the April catimates and the preliminary estimates of more than 5000 tons, probably not that much for the Sugar Factors figures are only about half that

While it was considered that the De sember figures were very conservative and might easily be surpassed; the plan-tation managers did not generally recken on weather conditions such as have since prevailed. The absormally cold and wet season has had its effect the sucross content is below nor Figures must therefore stand a 570,000 tons.

December estimates are designed a

December estimates are designed almost entirely to give a general idea of the amount of space that such plantation will require in the sugar bearing ships and the amount of ships that must be secured to move the entire crop. Conditions are such at that early date that absolute accuracy is an impossibility. When the april attimates are made the crop has had assaral months of movement there has been a large part ground, the subroca content has been largely determined and a reasonable degree of accuracy in supported.

Even so, there is reason to hope that in the end shipmants will be in excess of these estimates somewhat for, with good, warm, growing weather the sucross to the cane may show somesconsiderable increases.

# Where Conditions Are Like Those At Olaa It Should Be Generously Adopted

Whether mulching will work as well | Yet another matter of uncertainty elsewhere as it does at Olas ret remains to be determined. At Olsa the pointed to practically all of the sugar of the Islands going to Western respective works splendidly and has been fineries. On the heels of this came the found a decided economy but it has never been claimed by the Oha man ager that it would work as well else where.

The mulching system at Oha has been proved to be a great labor saver. It also has the tendency to speed up the crop since the heaf is retained in the ground nights and the earth's Washington, 10,600 tons, and of the

the crop since the heat is retained in the ground nights and the earth's temperature is thus raised two of three degrees.

Mulching, as practised at Olan cou-sists of covering the rows of young cane and the space between the rows as well with a beavy, course paper.

Thus far they have used tur paper, reading paper or other material of that quality but when the hogasse paper plant is installed it ill manufacture its own paper of the 'y a.

It is claimed for it that the young can either pentrate the paper or raise it at spots where, by cutting

raise it at spots where, by cutting the paper, it is given egress, the cane shoots are sharper and stiffer than are the weeds. The latter are unable to cut through and the heat which is absorbed and held in by the mulching paper kills off the weeds. Thus the expense of weeding is eliminated. It has also been shown that the cane thus covered by the paper makes better and covered by the paper makes better and faster growth than nearby cahe not so treated.

so treated.

One difficulty which other plantations might have is the holding down of the mulching paper for where high winds frequently prevail this presents a problem. At Olan there is little wind so that plantation is able to gain full benefits from the process.

The impression grows that, where is no reason why the mulching system should not work as well for other plantations.

---- W. S. B.

Further increases to the available Further increases to the available water supply of Oabu Sugar Company may be expected in about a month. By that time, according to present expectations the new pumping station at the other side of the Watahole tunnel will be completed and be ready to be put in operation.

Watahole water is the making of the Oabu plantation. Great as was the Combu plantation. Great as was the about 10,000 acres, above what it was

pumping plant is put in but merely to ing capacity of twenty-two percent add to its success. on its capital stock of \$386,000.

Amount Awaiting Shipment Is In Excess of What It Had Been **Expected To Be** 

# VESSEL MAY COME AT END OF THIS SEASON

## Whether Outturn Will Go To Western Refineries Almost Entirely Not Certain

No prospect of early relief in the agar shipping situation is held forth by C. P. Morse, local representative of the shipping board. He does hope for a change in conditions before the and of the season, however. Sugar continues to pile up in the

sugar continues to pile up in the storehouses and the amount on hand at the first of the month was larger than had been expected, amounting to 8, 193 tons of which 74,642 is Sugar Factors sugar and 11,551 is outside sugar. By ports the sugar on hand was as fol-

lows:																	1	ç		- 6	
tweet tills																			3	Co	n
Honolulu .			. 1		÷					é									25	1,4	8
Hilo						ì			į					g	ũ		.0	*	ü	W	5
Kahului .				1	ì	ì	Ē	ì		0			ì	į	i			0	23	ίď	'n
Kaanapali					ı,	u	Ų.	1					į,		J	ľ		14	34	Ú	è
Port Allen	13	0		ï	Ů	ı	Ü	ů	ì	1	Š	è	Û	Ċ	ì	ą	B	à	a,	ú	ã
Mahukona		7	Ü	Ю	7	•			1	Ů	ľ	j	Ü	Ĭ	Ű	3	ĺ		3	'n	ň
Hans	ď.	•	'n	ï	•	Ů	•	î	^	ľ	٥	Č	i	١	å	Ü	U	ĥ	3	'n	ò
100 100			•		ľ	•		•		•	1	ŝ	ľ	i		ľ			ài	<u> </u>	I
4 Total			J	u	Š	6		ì				J		ġ	į.			Ž,	sì	ü	ġ

Total 86,19:
This month the prospect for meves ments is no brighter than it was less nooth and the amount on hand by the lest of June may be close to 125,00

Hope Springs Sternal

Hope prevails that before the end of the grind, by the autumn, perhaps, there may be launched on the Pacific coast enough vessels of various types to make a rapid clean up. By that time, the sugar will be even more wanted on the mainland than it is now and there is reason to believe that to relieve an approaching shortage steps will be taken to get the Island crop to the refiners. At the present time it would appear that there is no way to move it faster, at least the planters and the shippers and the representative of the shipping board have not been able to find it.

This relief may come in the form of small vessels, indeed this is the expectation of many who are qualified to express opinions, but they are none too optimistic. It is a case of promise little and hope for the best.

little and hope for the best. More Uncertainties

liverting of the big cargo of the George Nashington, 10,600 tons, and of the Hyades, in all about 14,600 tons, to Eastern refineries. At the same time the Juneau was diverted to Crockett. Confirmation has been secured that the shippers here believed matters had been practically arranged for the refining of the Island product principally in the Western United States and in Canada. Now shippers admit that they do not know what plans will be carried

Explanation Sought

The surmise is that there came an urgent demand from the Eastern rethere occurred an opportunity for its movement by rail of which advantage was taken. There is nothing to indiwas taken. There is nothing to incleate that this may not occur again nor a there any indication that the plan to is there any indication that the plan to have most of the sgar go to Western refineries may not be carried out. It is known that there has arrived a considerable amount of correspondence, mail and telegraphic, between the mainland committee, the representatives there of the planters and Eastern Sugar men on the subject and especially in reference to sales to Canada.

As it is the shipments to the East through this diversion of those two ear-

through this diversion of those two eargoes means a much larger cost to the shippers, running up into the hundreds of thousands of dellars.

The piling up of sugar is also assuming serious proportions and it is becoming more and more evident that the storchouse capacity of the Islands is likely to be taxed to the limit if not exceeded. Besides this the holding back of shipments means also the holding back of returns and this will be apt to mean a deferring of dividands until such tea deferring of dividends until such re-turns do finally come in. They are as certain in the end, almost, as taxes but to anticipate them in all instances, would not be the best business policy.

Objection to this police was made by Colonel Jones and Captain Peter by Colonel Jones

ALBANY, May 9 - (Official) After intensive and immensely in-The purpose of this bureau is to se tricate work entering more than cure and equably distribute the labor a year, the secret code through which of the country so that idleness and un- Former German Ambassador Bernstorff employment can be avoided and at the used for conducting his treacherous after time the essential industries, estable time the essential industries are applied and sabotage campaign against Americal before it entered the war has an adequate supply of workers. been deciphered from thousands of messages.

## MAURITIUS CROP